

Diene Hydrocarbons From Unsaturated Alcohols.
III. Catalytic Decomposition of Allylcarbinol,
by Yu. A. Gorin, V. S. Ivanov, T. G. Pushnova,
V. V. Zlatogurskaya, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 4,
1959, pp 1104-1109.

Consultants Bureau

Sci

Jun 60

117,857

The Influence of Space Charge on the Motion of
Particles in Accelerators, by V. I. Kotov, V. A.
Pushtarik, 8 pp.

RUSSIAN, per, Atomnaya Energ, Vol VII, 1959,
pp 268-272.

AEC Tr-4091

Sci - Nuc Phys
Aug 60

123,989

On the Theory of the Circular Synchrotron With Radial
Sectors, by V. I. Kotov, Yu. L. Obukhov, V. A.
Pushtarik, 5 pp.

RUSSIAN, per, Prib 1 Tekh Eksper, No 5, 1959,
pp 19-21.

Instru Soc of Amer

Sci
Aug 60

122,257

Untersuchung der Kormschleimhaut an lebenden
Tieren, by I. Ruskas, 10pp
KORMSCHLEIM, par, German of Allotomusarten.
Vol 9, 1960, No 4, pp 317-319
ZNC 11-63-27317

I. Ruskas

Bei - Biol
June 67

328,862

CITE

(NY-2345).

The Hydroelectric Plants at the ~~Orava~~ ^{Dob-} and Orava
Dams, by Ferenc Marcell, Tamas Fuskas, Odon
Starosolszky, 14 pp.

HUNGARIAN, for Hidrologiai Közlemény, Vol XXXVIII,
No 1, Feb 1958, Budapest, pp 53-63.

JPRS 1511-N

EFur - Czech
Econ - Fuel, power
May 59

86,519

Synchronous Reactive Motor Speed Regulation in
Systems, of Precise Magnetic Recording, by
L. A. Pussat, 7 p.

RUSSIAN, per, Avtomat i Telemekh, Vol XIX, No 6,
1958, pp 574-581.

Instru Soc of Amer

Sci

Apr 60

111, 782

Diffraction of a Homocentric Bundle, by L. A.
Fusset, 16 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XX,
No 8, 1950, pp 722-728.

CIA/FDD/X-1181

Scientific - Electronics
CTS/DEX

8640

Observations in the Heating of Black Coal in
a Coke Oven, by H. Pustal.

GERMAN, per, Bergakademie, Vol XII, No 1, 1960,
pp 33-35.

CSIRO/No 5837

Sci-Fuels

Oct 63

241, 397

Alkylation of Benzene With Olefins, II, by P.
Pustamov, Chirkov.

RUSSIAN, ^{no} ~~1955~~, Zhur Fiz Khim, Vol XXIV, No 12, 1955,
pp 2113-2119.

35,640

Tech and Chem Tr
\$27.50

Scientific - Chemistry

The Magazine Argumenty (Arguments) on Facts,
by V. Pustarnakov, 9 pp.

RUSSIAN, per, Nauka i Religiya, No 9, 1962,
pp 49-51.

JPRS 16032

USSR
Soc
Nov 62

217,532

The Mechanical-Chemical Pulping of Spruce According
to the Aronovsky Method, by Czesław Pucelnik, 60
Jerry Prochka.
POLISH, per, Prace Instytutu Celulozowo-Papierniczego
Vol 6, No 1 (1957), pp 15-36.
OTS 61-31270

Sci/Chem
May 65

279,482

Polycondensation of Mixtures of Mono- and Di-
Carboxylic Acids with Polyols Containing Silyl
Alpha-Hydroxy Groups, by M. Sadowski and D. Pustelnik
et al.

POLYMER, 1962, vol. 7, no. 11,
pp. 415-418.
TEXT 88 283

D. Pustelnik

Chem
Aug 66

7
306,632

75
Experiment in Gassing Granary Pests in Silos
with Reverse-Flow Ventilation, by A. Pustot.
GERMAN, por, Nachrichten über Schadlingsbekämpfung,
Vol VII, No 4, 1932, pp 136-145.
CSIRO 6703

A. Pustot

Sci-B/M

Apr 65

278,471

Main Features of the Tectonics of the Eysko-
Berezanskaya Gas Region, by M. P. Pustil'nikov,
5 pp.

RUSSIAN, per, Geol Nefti i Gaza, Vol III, No 8-A,
1959, pp 8-12.

RRG

Sci
Jun 61

158,470

Mobile Tower Cranes, KPS-5-10 and KPS-3-5,
by G. P. Tarakanov, M. V. Pustil'nikov, 8 pp.

RUSSIAN, per, Byu Tekh-Ekon Informat, No 7,
1960, pp 37-40. 9670078

ATIC MCL-815/1

Sci - Engr

Jul 61

159,251

Chemical Nature of Petroleum Asphaltenes, by
S. R. Serglenko, S. D. Pustil'nikova, 4 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXII, No 12,
1959, pp 2811-2814.

GB

Sci

Nov 60

133,199

Evaluation of the Effect of Mechanical Working and
Heat Treatment on the Watt Losses in the Cores
of Fractional HP Electric Motors, by J. Pustola.

POLSIH, per, Przegląd Elektrotechniczny,
21 Oct 1958, pp 541-549.

BISI 1846

Sci - Engr

134,757

Dec 60

Mesonatons, by D. D. Ivanenko, G. E. Pustovalov, 26 pp.

RUSSIAN, per, Uspekhi Fiz Nauk, Vol LXI, No 1, 1957,
pp 27-43.

AEC-tr- 3973
PL-480

Sci - Phys

172,696

Nov 61

RGW 110

Vacuum Polarization in Mesonic Atoms, by G. E.
Pustovalov, 8 pp.

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz, Vol XXVI
No 6, 1957, pp 1519-1527.

Amer Inst of Physics
Sov Physics - JETP
Vol V, No 6

Sci - Physics
Apr 58

60,399

Energy Levels and Approximate Wave Functions
of Basic Atoms, by G. E. Pustovalov, 8 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVI
(9), No 6, 1959, pp 1806-1817.

Amer Inst of Phys
Sov Phys-JETP

Sci

Jan 60

106,802

Third Session of the International Association
for the Study of the Interior of the Earth's
Crust (September 16-26, 1958) (Central Massif of
France), by Ye. V. Pavlovskiy, L. V. Pustovalov,
3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geolog,
No 2, 1959, pp 124-126.

Amor Geolog Inst

Sci

132, 5/5

Nov 60

PUSTOVALOV, L.V.

"On the Conjugation of Gravimetric,
Mineralogical & Chemical Composition
of Rocks of the Near-Kura Lowland
Productive Formation."

SR LII, No 3, 46, 251

over

Pustovalov, L. V.
ON FRAGMENTAL QUARTZ FROM THE PRODUCTIVE LAYER OF APSHERON PENINSULA. [1962]
[45]p. 11 refs.

Order from OTS or SLA \$4.60

62-16664

Trans. of Akademiya Nauk SSSR, Izvestiya, Seriya Geologicheskaya, 1951 [v. 16] no. 4, p. 106-126.

DESCRIPTORS: *Quartz, Minerals, Rock, *Geology, Sedimentation.

The average total content of fragmental quartz in the rock of the productive layer of Apsheron Peninsula according to the analytical data of the petrographic laboratories of Azerbaidzhan (average of 878 determinations) is considerably lower than was formerly assumed, amounting to 48.6% in the predominant silty fraction. The content of fragmental feldspars averages 31.9%.
(Earth Sciences--Geology, TT, v. 9, no. 3) (over)

62-16664

1. Title: Apsheron Peninsula
1. Pustovalov, L. V.

C227537

Office of Technical Services

Geography of the Great Seven Year Plan, by
L. V. Pustovalov.

RUSSIAN, per, Sovetskiy Voin, Moscow, 1959, pp 4, 5.
Call No U 4, S 72, Vol XL, No 4.

AMS Lib

USSR
Geog
Aug 59

94,327

60
Our Knowledge of Ice Engines of the Russian
Fleet, by T. V. Pustovalova.

RUSSIAN, per, Trudy Gidromet Obezr, No 1,
1964, pp 182-187.

*Dept of Navy DOC Trans 476

T. V. Pustovalova

Sci-Bar Sci

Dec 69

Spectrophotometric Study of the Lipids of the BCG
Bacillus and Diphtheria Bacteria, by E. M. Gubarev,
V. L. Pustovalov, 2 pp.

Full tr

RUSSIAN, bimo per, Biokhim, Vol XXI, No 2,
Mar/Apr 1956, pp 293-294.

Consultants Bureau

Sci - Biology
Jan 57 CTS

42,923

Higher Fatty Acids of the Diphtheria Bacillus,
by V. L. Pastovalov, 10 pp.

Full tr

RUSSIAN, bino per, Biozhimiya, Vol XII, No 1,
Jan/Feb 1956, pp 38-49.

Consultants Bureau

42,139

Sci - Biology
Dec 56 CTS

Changes in the Thermal Conductivity of Quartz Glass
During Crystallization, by V. V. Pustovalov, 3 pp.

RUSSIAN, per, Steklo i Keramika, Vol XVII,
No 5, 1960, pp 28, 29.

CB

Sci

Jul 62

210,810

The Thermal Conductivity of Refractory
Powders and Sintered Ceramics, by
V. V. Pustovalov, 3 pp.

RUSSIAN, per, Steklo i Keramika, Vol XVIII,
No 12, 1961, pp 17-18.

CB

Sci

Aug 62

209,915

A Method for Measuring the Coefficient of Thermal
Conductivity of Refractory Materials at High
Temperatures, by V. V. Pustovalov. UNCLASSIFIED

RUSSIAN, per, Zavod Lab, Vol XXXIII, No 9, 1957,
pp 1093-1094.

Navy Tr 1677/NRL-661

Sci -
Apr 58

60,726

SLA R-3896

Use of Subcritical Reflections in Deep Seismic
Sounding on the Southern Slope of the
Ukrainian Shield, by A. V. Cherkunov,
G. M. Pustovalova, IK 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geofiz, No 2,
1964, pp 196-205.

Amer Geophys Union

Sci
Jul 64

262,753

Quantitative Amino Acid Composition of Cholera and
Cholera and Cholera-Like Vibrios, by L. M.
Pustovalova, 5 pp.

RUSSIAN, per, Biokhimiya, Vol XXVI, No 6, ~~IX~~
1961, pp 970-974.

CB

S i

Jun 62

205,237

60
Our Knowledge of Ice Regime of the Kurisches
Half, by T. V. Pastovalova, 11 pp.
RUSSIAN, per, Trudy, Gidrometeorologicheskaya
Observatoriya, No 1, 1964, pp 182-187.
NAV/HOO/Tran-446-70

T. V. PASTOVALOVA

Sci/Ear Sci
June 70

High-Frequency Conductivity of a Plasma Carrying
Direct Current, by M. E. Gertsenshtein, V. I.
Pustovoit, 5 pp.

RUSSIAN, per, Zhur Eksper i Teoret Phys. Vol XLIII,
No 2, 1962, pp 536-542.

Amer Inst of Phys
Sov Phys - JETP
Vol XVI, No 2

Sci

Feb 63

233,250

Conductivity of Plasma Media in the Presence of a Drift
By V. I. Pustovoyt pp 6

RUSSIAN, per, Zhur Ekspri i Teoret Fiz, Vol XLIII,
No 6, 1962, pp 2281-2289

Amer Inst of Phys
Sov Phys - JETP
Vol XVI, No 6

Sci

340, 629

Jul 63

Gravitational Radiation by a Relativistic Particle,
by V. I. Pustovoit, M. E. Gertsenshtein, 5 pp

RUSSIAN, per, Zhur-Eksper i Teoret Fiz, Vol XLII,
No 1, 1962, pp 163-170.

AIP
Sov Phys-JETP
Vol XV, No 1

Sci

Jul 62

214,687

Pustovolt, V. I.
ON LINEAR THEORIES OF GRAVITATION. [1960]
11p. 28 refs.
Order from MDF \$6.00 MDF P-161

Trans. of Izvestiya V[ysshikh] U[chebnykh]
Z[avedeniy]. Fizika (USSR) 1960, no. 3, p. 63-71.

(Physics--Theoretical, TT, v. 5, no. 7)

61-12574

- I. Gravity--Theory
- I. Pustovolt, V. I.
- II. MDF P-161
- III. Friedman, Morris D., Inc.,
West Newton, Mass.

9093074

Office of Technical Services

Use of Sulphuric Acid for the Removal of Thiophen
From Synthesis Grade Benzole, by Yu. A. Pustovit,
3 pp.

RUSSIAN, per, Koks i Khim, No 10, 1960, pp 38-41.

CTRA

Sci -
Apr 61

147,618

Paper Chromatography of Higher Fatty Acids With
the Application of Urea, by E. K. Alimova (Lubenets),
G. D. Bolgova, O. I. Pustovoitova, 7 pp.

RUSSIAN, per, Biokhim, Vol XXV, No 5, 1960,
pp 773-780.

CB

Sci

May 61

152, 933

Transient Thermal Convection Over a Linear Heat
Source, by S. P. Pustovoyt, 6 pp.

RUSSIAN, per, Prikl Matemat i Mekh, Vol XXII,
No 4, 1958, pp 573-575.

Pergamon Inst

Sci - Math

Jun 59

90, 518

State of Rest and Degree of Transformation of Nutrients in the
Cells of Agricultural Plants, by E. Aknina, T. Pustovoitova.

RUSSIAN, per. Sbornik Fiziol Ustoychivosti Rast Ak Nauk
SSSR, 1960, pp 207-211.

CSIRO/No 6203

Sci - Biol

Feb 64

230,333

Ultrasonic Propagation in Semiconductors, by
V. I. Pustovoit, 8 pp.

RUSSIAN, per, Fizika Tverdogo Tela, Vol V, No 9,
1963, pp 2490-2500.

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 9

Sci
Apr 64

254,541

Amplification of Hypersound in Piezoelectric
Semiconductors, by M. Ye. Gertsenshteyn,
V. I. Pustovoyt, 7 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol VIII,
No 9, 1963.

IKKK

Sci
Sept 64

266,643
266,643

(NY 6702)

Sunflowers in the Northern Caucasus, by
V. S. Fastovoyt, 1933 4 pp.

ROZUMIAŁ, pp. 30-31; Górniskoye Mesto Gubernii Krasnodarsk.
Vol. XIV, No 6, 1961, pp 39-41.

JPRS 11080

313A
 Floor
 Dec 61

175003

(NY-6501.)

We Must Devote More Attention to Sunflowers,
4 pg. by V. S. Pustovoyt,

RUSSIAN, per, Zemledeliye, No 6, 1961, pp 13-15.

JPRS 10146

USSR

171, 152

Econ

Oct 61

CNY-1374

Surgical Aid at the Regimental Aid Sta
tion, by V. T. Pustovoytenko

RUSSIAN, mo per, Voenno Med Zhur, No 2
Moscow, Feb 1961, pp 18-19

US PRS 9303

sci
may 61

157,756

Sanitation Education Work in the Infirmary
of a Unit Medical Aid Station by V. T.
Pustovoytenko

RUSSIAN, mo per, Voenno Med Zhur, No 5,
Moscow, May 1960, pp. 41-42

US JPRS 5592

127,896

(DC-6406)

The Present State and Methods of ~~NEW~~ Developing
Automation and Telemechanics in Railroad Trans-
portation, by A. P. Petrov, and L. F. Pustovoytov.
14 pp.

RUSSIAN, per, Zheleznodorozhnyy Transport,
No 10, 1961, pp 18-26.

JPRS 11875

USSR
Econ
Jan 62

180,721

Influence of Seasonal Freezing on the Water Regime
of Amur Soils

By N.D. Pustovoytov, pp 9

RUSSIAN, per, Pochvovedeniye, No 6, 1962, pp 1-11

SCRIPTA TECHNICA

Sci

Oct 63

241-041

PUSTOVALOV, L.V.

"On the Conjugation of Granulometric
Mineralogical & Chemical Composition
of Rocks of the Near-Kura Lowland
Productive Formation."

CR LII, No 3, 46, 251

over

Pustovalov, L. V.
ON FRAGMENTAL QUARTZ FROM THE PRODUCTIVE LAYER OF APSHERON PENINSULA. [1962]
[45]p. 11 refs.
Order from OTS or SLA \$4.60 62-16664

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Geologicheskaya, 1951 [v. 16] no. 4, p. 106-126.

DESCRIPTORS: *Quartz, Minerals, Rock, *Geology, Sedimentation.

The average total content of fragmental quartz in the rock of the productive layer of Apsheron Peninsula according to the analytical data of the petrographic laboratories of Azerbaidzhan (average of 878 determinations) is considerably lower than was formerly assumed, amounting to 48.6% in the predominant silty fraction. The content of fragmental feldspars averages 31.9%. (Earth Sciences--Geology, TT, v. 9, no. 3) (over)

62-16664

1. Title: Apsheron Peninsula
1. Pustovalov, L. V.

C227537

Office of Technical Services

Pustovalov, L. V.

ON FRAGMENTAL QUARTZ FROM THE PRODUCTIVE LAYER OF APSHERON PENINSULA. [1962] [45]p. 11 refs.

Order from OTS or SLA \$4.60

62-16664

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Geologicheskaya, 1951 [v. 16] no. 4, p. 106-126.

DESCRIPTORS: *Quartz, Minerals, Rock, *Geology, Sedimentation.

The average total content of fragmental quartz in the rock of the productive layer of Apsheron Peninsula according to the analytical data of the petrographic laboratories of Azerbaidzhan (average of 878 determinations) is considerably lower than was formerly assumed, amounting to 48.6% in the predominant silty fraction. The content of fragmental feldspars averages 31.9%. (Earth Sciences--Geology, TT, v. 9, no. 3) (over)

62-16664

1. Title: Apsheron Peninsula
1. Pustovalov, L. V.

C227537

Office of Technical Services

Nature of Soil Moisture in the Amur River
Region, by N. D. Pustovoytov, 7 pp.

RUSSIAN, per, Pochvovedeniye, No 8, 1959,
pp 57-64.

AIBS

Sci

Jun 61

156,265

Outline of Principles for the Reclamation
of Soils in the Amur Oblast', by
N. Z. Pustovoytov, 6 pp.

RUSSIAN, per, Pochvovedeniye, No 10, 1960,
~~196~~ pp 19-26.

AIBS

Sci

May 62

195,609

1-Kv Television Transmitter Based on the Relay
Station of the Type THSA-56., by
A. S. Pustovoytovskiy, 10pp.

RUSSIAN, per, Vest Svyazi, no 10, 1963, pp 3-6.

JPRS 22699

Sei
Jan 64

246,930

Automated Exciter VI-3A, by A. S. Pustovogovskiy, 2 pp.

RUSSIAN, per, Vestnik Svyazi, No 12, 1962

JPRS 18331

Encl

Apr 63

229,079

An Automated Remote-Controlled Transmitter
of the Type FX-1A, by S. S. Pastorovtsovskiy, 13 pp.

RUSSIAN, per, Vestnik Svyazi, No 8, 1962.

JPRS 16061

Sci

Nov 62

217,270

SEP 62
TESTS FOR COMPLETE CONTINUITY OF LINEAR AND
NONLINEAR INTEGRAL OPERATORS, BY M. A. KRASNOSEL'SKI
E. I. PUSTYL'NIK, 5 PP.

RUSSIAN, PER, DOK AK NAUK SSSR, VOL CXLII, NO 1,
1962, PP 83-88.

AMER MATH SOC
VOL 3, NO 1

SCI - MATH

SEP 62

833,648

Mechanised Flow Lines for the Production of
Welded Beds of Broaching Machines, by A. M.
Avrutin, B. M. Pestov, M. Yu. Pustyl'nik, 5 pp.

RUSSIAN, per, Svaroch Proiz, No 6, 1960,
pp 18-21.

BWRA

Sci

Jun 61

158,490

Transient Responses in Transistor Voltage-Regulators,
by V. M. Pustyl'nikov, 8 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XIII, No 8,
1962, pp 1090-1098.

ISA

Sci

Mar 63

232,773.

Computing Precision dc Voltage Stabilizers from Specified Monotonic Transient Responses, by V.M. Pustyl'nikov, 9 pp.

~~RUSSIAN~~ RUSSIAN, per, Avtomat i Telemekh, Vol XXIII, No 1, 1962, pp 106-115.

ISA

Sci

213,274

Aug 62

GENERALIZED METHODS OF COMPUTING MUTUAL
AND INPUT ADMITTANCES OF SINGLE BRIDGE
CIRCUITS, BY V. G. PUSTYNNIKOV, 5 PP.

RUSSIAN, PER, IZMERITEL TEKH, NO 5,
L96L, PP 25-27.

ISA

SCI

FEB 62

182,953

Measurement of Vector Electrical Quantities, by
I. G. Pustynnikov, N. Kh. Shatskiy, 3 pp.

RUSSIAN, per, Izmeritel' Tekh, No 5, 1960, pp 33, 34.

ISA

Sci -
Apr 61

146,486

The Eighth Scientific-Technical Conference of the
Young Scientists of the Institute of Automation and
Remote Control, by V. G. Gerasimov, V. M. Pustyl'nikov,

RUSSIAN, per, Avtomat i Telemekh, Vol XXIII, No 4, 1962,
pp 546-.

ISA

Sci

Oct 62

216,008

High-Frequency Correction of a Transistor Video
Amplifier by Means of an Emitter RC Circuit, by
I. N. Pustynskiy. 8 pp.

RUSSIAN, per, Iz Vysshikh Ucheb zaved, Vol III,
1960.

JPRS 7382

Sci

165,888

Aug 61

(NY-4225).

Ships of the Ugleural'sk Class, by A. G.
Yel'nik, G. I. Pustynskiy, V. A. Kromikh, 8 pp.

RUSSIAN, per, Sudostroyeniye, No 3, 1960, pp 1-4.

JPRS 2945

USSR
Econ
Jul 60

119,878

(NY-4341)

On Transistor Terminology, by I. N. Pustynskiy,
3 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, MVO SSSR,
Ser Radiotekh, Vol II, No 3, May/Jun 1949.

JPRS 5678

Sci

Nov 60

133,568

82
Electronic Analog Installation for Examining
the Kinetics of Nuclear Reactors, by
T. Swierkowski, A. Puszer, 3 pp.
POLISH, per, Gliwice, Politechnika Slaska.
Zeszyty Naukowe. Energetyka, No 17, 1964,
pp 123-125. F100221663-4
FTD-AT-23-913-67

A. Puszer
Sci/Elect & Elect eng
Sept 68

366,622

S-5390

(NY-2950).

Treatment of Burns in Connection With Modified
Sensitivity of the Burned Surface Microflora to
Antibiotics (Synthomycin), by M. V. Shelyakhovskiy,
F. E. Puterman-Lippert, 12 pp.

RUSSIAN, per, Khirurgiya, No 7, 1959, pp 44-50.

JPRS-L-1006-N

Sci - Med - Surgery
Oct 59

98,853

The Clinical Aspects of Listerellosis, by A. V.
Chernousova, N. G. Putiato, 2 pp.

RUSSIAN, no per, Zhur Mikrobiol, Epidemiol i
Immunobiol, Vol XXVIII, No 3, 1957.

Pergamon Press

Sci - Medicine
Oct 57

53,860

(NY-3000)

The Kirovabad Aluminum Plant Must Be
Put Into Production in 1962, by
V. Putik, 10 pp.

RUSSIAN, np, Bakinskiy Rabochiy,
12 Dec 61,

JPRS 12966

USSR
Econ
Mar 62

187, 611

(SF-1878)

SCIENCE VERSUS RELIGION, BY A. PUTILIN,
5 PP.

RUSSIAN, NP, SOVetskaya Moldaviya, 6 SEP 1961.
PP 3, 4.

JPRS 13788

SCI - MISC

GMAY 62

194,856

Putilin, N. I. and Staritskaya, L. N.
EFFECT OF VARIOUS DIETS ON GASTRIC SE-
CRETION WITH LONG INTERVALS BETWEEN MEALS
AND WHEN MEALS ARE TAKEN HAPHAZARDLY.
[1962] [11]p. 4 refs. FASEB manuscript no. S 83-2.
Order from OTS or SLA \$1.60 63-15988

Trans. of Voprosy Pitaniya (USSR) 1962, v. 21,
no. 4, p. 25-30.

DESCRIPTORS: *Diet, *Gastrointestinal system,
Stomach, *Secretion, Starvation.

The effect of feeding patterns, long intervals between
meals, and a haphazard arrangement of meals on
gastric secretion was studied. Long intervals between
meals resulted in a lower level of secretion and lower
volume, digestive power, and acidity of the gastric
juice due to the uneven strain on the stomach's
functioning and its subsequent disturbances. Other
(Food, TT, v. 10, no. 6) (over)

63-15988

- I. Putilin, N. I.
- II. Staritskaya, L. N.
- III. FASEB S-83-2
- IV. Federation of American
Societies for Experimental
Biology, Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

1244545

Office of Technical Services

results include a thick mucus secretion, disappearance of the reflex phase, and signs of dyspepsia. Normal secretion was slowly regained with the return to normal meal intervals. Irregular meals caused no definite trend in the secretory process. Periods of hyper- and hyposecretion, large amounts of mucus, low digestive power of gastric juice, increased acidity, and decreased free HCL were noted. Secretory patterns in the experimental dogs varied from one experiment to another. Indications of chronic hypertrophic gastritis were found in the gastric mucosa. All elements of the peripheral nervous were affected. These findings confirm the view that gastritis may result from prolonged functional changes in the stomach.

PB. 63-15988

(NY-6571/3)

XX Experimental Alloplastic Repair of Small
Arterial and Venous Vessels, by N. I. Putilin,
V. P. Dzbanovskiy, 10 pp.

RUSSIAN, per, Novyy Khir Arkh, No 5 (233),
1961, pp 31-36.

JPRS 9905

167, 895

Sci - Med
Sep 61

Microbes Oxidizing Thiocyanate and Cyanide Compounds
in Waste Waters of Coke By-Product Plants, by N.T.
Putilina, 3 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXI, No 2, 1961,
pp 294 - 298.

AIBS

200,636

Sci
Apr 62

Removal of Phenol From Waste Waters From Coke-
Chemical Plants Using Pure Cultures of Phenol-Decom-
posing Bacteria, by N. T. Putilina.

RUSSIAN, no per, Gid i San, No 12, 1952, pp 8-11.

Assoc Tech Sv
RJ-400

Sci - Chemistry

36,950

Aug 1956

\$8.60

Formation of an Acid Salt of Lead in Hydrocarbon
Solutions of Butyric Acid, by I. N. Putilova, A. R.
Myagkova, 4 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXXII, No 6, 1959,
1319- 1323.

CB

Sci-
Jul 60

121,014

Microbes Used in Industrial Purification Installations for Removal of Phenols From Waste Water, by N. T. Putillina, 5 pp.

RUSSIAN, per, Mikrobiologiya, Vol XXVII, No 5, 1959, pp 757--762.

Amer Inst of Biol Sci

Sci -- Biology
Jul 60

120, 917

Products of the Corrosion of Lead in Hydro-
carbon Solutions of Carboxylic Acids,
by I. N. Putilova, A. R. Myagkova, 3 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XXXV, No 9,
1961, pp 1994-1998.

Cleaver-~~XX~~Hume Press Ltd.

Sci

Jul 62

205,513

NY-1990

Bring the Teaching of Chemistry Closer to the
Specialty, by I. N. Putilova, 9 pp.

RUSSIAN, per, Vest Vyshey Shkoly, No 7, Moscow,
Jul 1958, pp 9-14.

US JPRS/NY-L-526

~~INDEX~~

Sci - Chemistry
Dec 58

77,583

Dielectric Breakdown in Suspensions of Metals in
Liquid Dielectrics, by L. G. Gindin, ~~IM~~ L. N. Moroz,
I. M. Putilova, Ya. L. Frenkel; O. A. Shpanakaya,
8 pp.

RUSSIAN, thrice-no par, Dok Ak Nauk SSSR, Vol LXXII,
No 4, 1950, pp 671-674.

CIA/FRD/X-1390

Scientific - Physics

Jul 54 CTS

16,134

Inhibitors of Metallic Corrosion, by I. N.
Putilova, 194 pp.

RUSSIAN, bk, 1958.

Pergamon Inst

Available in US at
Senile Bookshop
Washington, DC

CIA Lib No T A 462.P79E5

122,578

Aug 60

The Behavior of Suspensions of Metals and
Semiconductors in Liquid Dielectrics in a
Direct Electric Field, by L. G. Gindin, ~~and~~ I. N. Putilova, 6 pp.

Full translation.

RUSSIAN, bimo per, Kolloid Zhur, Vol XVI, No 5,
1954, pp 325-332. CIA D 151245

Consultants Bureau

Scientific - Physics

Apr 55 OTS

22,598

Corrosion of Various Steels by Kerosine and
Methods of Prevention Thereof, by I. N. Putilova, 8 pp

RUSSIAN, per, Zhur Prik Khim, Vol XXVI, No 2, 1953,
pp 148-154.

~~XXXXXXXXXXXX~~

Assoc Tech Sv RJ-135

Scientific - Chemistry
CTS/DEX

10,918

Systematization of Metallic Corrosion Inhibitors,
by I. N. Putilova, L. G. Gindin, 4 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVIII, No 12
Dec 1955, pp 1298-1301. CIA C 43311

Consultants Bureau

Sci - Chemistry

37,054

Aug 1956

Metallic Corrosion Inhibitors, by I. N. Putilova,
S. A. Balezin, V. P. Barannik.

RUSSIAN, bk, London, 1960.

Pergamon Press
DSIR LLU E.17868

Sci

Oct 60

On the Influence of Constant Electric Fields
on the Suspension of Metals and Semiconductors
in Liquid Dielectrics, by L. G. Gindin, I. N.
Putilova, L. M. Moroz, 11 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol XCIV, No 2, 1954, pp 277-279.

SIA R-1033

May 58

64,555

Antibiotic Effect of Dry Penicillin on Brucellae,
by V. M. Putinov.

RUSSIAN, per, Veterinariya, Vol XXV, No 11, Nov
1948, p 19. CIA D 9008136

USDA

Sci - Biology

45, 282

Mar 57 CTS/dex

Study of the Dry Brucellosis Vaccine (DBV) From
the Strain No 19 on Cattle, by A. A. Dorofeyev,
V. M. Putinov, UNCLASSIFIED

RUSSIAN, per, Veterinariya, Vol XXII, No 4-5,
1945, pp 29-30 30.

USDA

20,264

Science - ^{Medicine}
Biology

Dec 1954 CTS

INVESTIGATION OF THE PROCESS OF ATOMIZATION OF
A LIQUID STREAM OF METALS AND ALLOYS BY GASEOUS
ENERGY CARRIERS, BY B. N. PUTIMTSEV, 24 PP.

RUSSIAN, RP, PRETSIZIONNYYE SPLAVY, NO 25, 1962,
PP 344-360.

JPRS 15967

SCI-M/M
NOV 62

215,235

High Strength, Precipitation Hardening, Low
Magnetic Fe-Cr-Ni Alloys, by E. I. Belkova,
O. I. Putintseva, 18 pp.
RUSSIAN, bk. Sposoby Stali i Spavy.
No 35, 1963, pp 11-23.
JPRS 25163

44

Sci - M/M
Jun 64

262, 030

Рассказ о жизни и деятельности, по В. А. Путин,

В. А. Путин, 33 pp.

Москва, 1963, pp. Автомобильные и Тракторные

Москва, 1963, pp 31-80, 85-106, 125-141.

MSI J-0752

ID 2280046066

110

V. A. Putin

Sci-Mechanical, Indust

Oct 60

312,205

Communications Office in Alitus, by
V. A. Putinas, 7 pp.

RUSSIAN, per, Vest Svyazi, No 3, 1963.

JPRS 19583

Sci-Elec
Jun 63

235,991

CONSTRUCTION IN KAZAKHSTAN, BY V. PUTINTSEV,
15 PP.

RUSSIAN, PER, NARODNOYE KHOZYAYSTVO KAZAKHSTANA,
NO 5, 1962, PP 51-56.

JPRS 15217

USSR
ECON
OCT 62

213,878

On the Stratigraphy of the Precambrian Formations
in North Korea (The Provinces of Ryangan and
Southern Khamgen), by V. K. Putintsev, S. Ye.
Sinitskiy, 15 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol, No 11,
1959, pp 93-97.

AGI

Sci

157, 955

Jun 61

(BY-3000/46)

Combined Installation of Structural Components and
Technological Equipment in Chemical Industry Plants,
by V. Ya. Putintsev, 9 pp.

RUSSIAN, per, Prom Stroitel, No 2, 1961, pp 2-5.

JPRS 9364

USSR

Econ

Jun 61

156,126

Secretion of a Cardiac Stimulator From the Frog
Ventricles Induced by Acetylcholine, by T. G.
Putintseva, T. M. Turpayev, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 6,
1959, pp 1442-1444.

Amer Inst of Biol Sci

Sci -
Jul 60

121,042